

Title (en)  
DIFFERENTIAL ANALYSIS USING REAL AND IMAGINARY COMPONENTS

Title (de)  
DIFFERENTIALANALYSE UNTER VERWENDUNG VON REALEN UND IMAGINÄREN TEILEN

Title (fr)  
ANALYSE DIFFERENTIELLE UTILISANT DES COMPOSANTES REELLES ET IMAGINAIRES

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Application  
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Abstract (en)  
[origin: US5549387A] The invention is directed to a differential analysis method and apparatus wherein a sample and reference are subjected to an externally applied disturbance, such as temperature change, in accord with a prescribed function comprising the sum of a linearly changing part and a periodically changing part, and the measured differential signal is processed into real and imaginary components relating, respectively, to the energy storage and energy loss portions of the signal.

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Citation (search report)  
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• [Y] GB 1431111 A 19760407 - TS K BJURO UNIKALNOGO PRIBORO  
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• See references of WO 9533200A1

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**US 5549387 A 19960827**; AU 2644895 A 19951221; DE 69532851 D1 20040513; DE 69532851 T2 20040819; EP 0763196 A1 19970319; EP 0763196 A4 19980311; EP 0763196 B1 20040407; JP 3594607 B2 20041202; JP H10504382 A 19980428; US 6170984 B1 20010109; WO 9533200 A1 19951207

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